



## PIER Energy System Integration Program Area

### DER Integration Technology Assessment and Development Analyses

**Contract #:** 500-02-019

**Contractor:** Navigant Consulting, Inc.

**Contract Amount:** \$894,684

**Contractor Project Manager:** Robert Shelton (415) 356-7122

**Commission Contract Manager:** Mark Rawson (916) 654-4671

**Status:** Active

#### ***Project Description:***

*The purpose of this contract is to fund research, development and demonstration projects under the Energy Commission Public Interest Energy Research (PIER) program. The contractor will perform technology, market and consumer-needs assessments for the Distributed Energy Resources Integration (DERI) Research Program in order to develop research priorities and plans, implementation plans and evaluations of the program. The contractor will produce the following:*

- *Administrative reports.*
- *Conduct Program Advisory Committee meeting.*
- *Finalized Metrics Tool.*
- *Conduct portfolio assessment reports, technology roadmap emerging research assessments and R&D plan.*
- *DERI implementation plan, RFP development, proposals review reports.*
- *DERI Annual Program Evaluation, and DERI Annual R&D Program Evaluation report.*

#### ***This project supports the PIER Program objectives of:***

- Improving the energy cost/value of California's electricity, and improving the reliability/ quality of California's electricity by performing technology, market and consumer-needs assessments for the Distributed Energy Resources Integration Research Program.
- Improving the environment and public health cost/risk of California's electricity by developing research priorities and plans, and by implementing plans and evaluations of the program.

#### ***Proposed Outcomes:***

1. Organize and host Program Advisory Committee PAC meetings.
2. Write Program Advisory Committee meetings summary and Program Advisory Committee annual report.
3. Complete Developments of draft and final Metrics Tool.
4. Produce Portfolio Analysis Report.
5. Produce Portfolio Mapping Tool.
6. Perform DERI Research Assessment.
7. Produce R & D Roadmap.
8. Produce Revise Annual R&D Program Plan (Plan was produced and now will be revised).
9. Produce DERI Annual R&D program Evaluation Report.

**Project Status:**

This project is active. For update, please right click on

[www.energy.ca.gov/pier/final\\_project\\_reports/500-04-059ad.html](http://www.energy.ca.gov/pier/final_project_reports/500-04-059ad.html)